## **Certified Engineering Geologist Examination Content Outline**

| Content area  | Area<br>Percentage | Subarea<br>Percentage |
|---|--------------------|-----------------------|
| I. Project Planning                                     | 21                 |                       |
| II. Data Collection                                     | 19                 |                       |
| A. Map and Record Data                                  |                    | 11                    |
| B. Sample Collection                                    |                    | 5                     |
| C. Test Data  |                    | 3                     |
| III. Geologic Evaluation                                | 35                 |                       |
| A. Earth Materials and Subsurface Conditions            |                    | 12                    |
| B. Slope Stability and As-graded Construction           |                    | 9                     |
| C. Groundwater Conditions and Effects                   |                    | 5                     |
| D. Seismic Conditions and Effects                       |                    | 9                     |
| IV. Design and Construction                             | 25                 |                       |
| A. Grading, Construction, and Remedial Plan Development |                    | 11                    |
| B. Grading Observation and Construction Monitoring      |                    | 7                     |
| C. Mitigation and Remediation                           |                    | 3                     |
| D. Post Grading and Construction<br>Reporting           |                    | 4                     |
| TOTAL   | 100                | 100                   |